

THE FMSB NEWSLETTER

Volume 17

<http://www.nnsy1.navy.mil/FMSB>

November 2002

VACTAN

Hod Verble

The environmental forces at work aboard submarines often cause maintenance problems. One such problem is the development of rust on piping, components, and support structures. Painting while underway is not allowed on submarines due to atmosphere control requirements. VACTAN is a rust converter that is authorized for use on submarines while UNDERWAY. It was learned recently that VACTAN is being improperly used, both while in port and on corroded fasteners. NAVSEA 389-0317 (Procedures for Maintenance and Repair, Sections 22) and NAVSEA 6310-081-015, (Submarine Preservation Maintenance Standard) authorize the use of a rust converter, VACTAN, only while underway. These source documents prohibit the use of VACTAN on fasteners (will embrittle high strength steels). Specific guidance is given on the amount that can be applied in one day, temperature limitations, and limit for on board allowance. Upon return to port, the areas that were coated with VACTAN should have the VACTAN removed and the appropriate coating applied. If you have questions concerning the use of rust converters, please review the source documents or contact your TYCOM. NAVSEA MSG DTG 171201 OCT 02 provides additional information.

FMSB COURSE SCHEDULE

Propulsion Plant Trade Skills Course

PPTSC 03-1 2 Dec – 20 Dec 2002
PPTSC 03-2 27 Jan – 14 Feb 2003
PPTSC 03-3 5 May – 23 May 2003
PPTSC 03-4 9 Jun – 27 Jun 2003
PPTSC 03-5 8 Sep – 26 Sep 2003

NPC STARTER PACKAGE

Tim Tew

Electronic copies of files/documents used in FMSB courses for researching, planning, and preparing technical work documents (TWDs) have historically been requested by NPC and QAOC graduates. FMSB has always been happy to accommodate, but was limited to the amount of information that would fit on a 3.5-inch disc. Now FMSB is capable of providing available information to graduates on a compact disc (CD). None of the FMSB course presentation files are provided on the CD. Files/documents provided on the CD include but are not limited to:

- * A complete copy of the JFMM (NOFORN edition) in PDF
- * A complete copy of the FMSB Quality Notes in PDF
- * Files for planning/preparing TWDs (e.g., electronic starter package, interference removal, staging list, pre-job brief, and many more) in MS Word.

If you need any of these files/documents for preparing TWDs, please contact a recent FMSB NPC/QAOC graduate.

FMSB COURSE SCHEDULE

Nuclear Planners Course

NPC 03-1 21 Jan – 25 Feb 2003
NPC 03-2 28 Jul – 29 Aug 2003

Quality Assurance Officers Course

QAOC 03-2 21 Apr – 22 May 2003

Nuclear Trade Skills Course

NTSC 03-2 3 Mar – 11 Apr 2003
NTSC 03-3 14 Jul – 22 Aug 2003

Dept Hd __ Div Hd __ Supv/LCPO __ TRG/QA __ 38N/RM/M-DIV __ Planning __ File __

TYPE COMMANDER CONFERENCE

Mike Hardison

On November 4 & 5, representatives from the Type Commanders, both Nuclear Power Training Units and NAVSEA met at the FMSB facility to review the products and services provided by FMSB to fleet activities. As a result of this meeting, the Nuclear Planners Course will increase from 15 students to 16; the Quality Assurance Officers Course will increase from 10 students to 11; the Nuclear Trade Skills Course will go from 3 classes per year to 2; FMSB will develop a two week Quality Maintenance Course for Submarine QAOs, AQAOs, QASs, and Junior Officers. The method of presenting this course to the fleet has not been determined at this time. FMSB has also been tasked to evaluate the development of an additional CAML, Small Valve Maintenance.

UPCOMING TRAINING

Jim Null

FMSB is scheduled to conduct the following training:

* New London area Operating Unit Training, December 2 – 6. Topics will be Controlled Material, Training And Qualification, Format Issue and Revision, Nuclear/Non-Nuclear Interface, and QA Forms. There will be three sessions on the QA Forms to allow more students to attend. POC: SSSU LCDR Art Castleberry, (860) 694-4084.

* Norfolk Area Operating Unit Training, December 11 - 12, at Miller Hall. Topics will be TWD Format, Changes, Research and QA Forms. POC: SSSU LTJG Cory Dyer, (757) 444-1281, X-4008. CNAP LT Greg Cleckler, (757) 445-2597.

* USS FRANK CABLE and CSS-15 Units, January 06 – 10, Steam Plant Cleanliness and LP (Steam) Carbide Seat Cutter with counter-bore refurbishment. POC: CWO2 Phil Parr, parrpe@cable.navy.mil.

RECENTLY COMPLETED TRAINING

Jim Null

FMSB recently completed the following training:

* Norfolk Area Operating Unit Training, September 4 – 5. Topics: SUBSAFE/ Controlled Assembly, Testing, Planning & Estimating and Researching Core Documents.

* NRMD New London, August 19 – 23. Topics: Canopy Seal Cutting and Number 2 Universal Cutting Machine Refresher.

* NPTU Charleston, September 9 - 13. Topics: Technical References, System Repair Requirements, Controlled Material, Reactor and Steam Plant Cleanliness.

* NPTU Ballston Spa, September 16 - 20. Topics: Nuclear/non-nuclear interface, QA Forms, Format Changes, Format Research, Format 2, Reactor Plant/Steam Plant Cleanliness.

* Pearl Harbor Operating Unit Training. September 23 - 27. Topics: Technical References, System Repairs, Reactor Plant/Steam Plant Cleanliness, Testing and SUBSAFE.

* Nuclear Planners Course 02-2 graduated August 30 with a full class of 15. Attendees are reporting to various commands; CVN (11) and TRF Kings Bay (4).

* Propulsion Plant Trade Skills Course 02-5 graduated September 27 with a full class of 6. Attendees are reporting to various commands; NRMD Norfolk (1) and CVN (5)

* Quality Assurance Officers Course 03-1 graduated November 8 with a class of 7. Attendees are reporting to various commands; NPTU (1), SIMA Norfolk (1), and CVN (5)

* Nuclear Trade Skills Course 03-1 graduated 13 November with a full class of 6. Attendees are reporting to CVN (3), NRMD (1), and TRF Kings Bay (2).

* NPTU Ballston Spa, November 19 – 20. Topic: Reverse Seated Air Operated Globe Valve Repair.

MASTER INDEX

TOPIC	VOLUME
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Cleanliness Plugs	4, 10, 12, 13, 15
CTTM	1
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Packing, CAML	7
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Training valves	1 & 8
Vactan	17
Previous issues or articles are available by visiting the FMSB WebSite or contacting FMSB by phone or e-mail. (POC Jim Null)	

TOOLING STANDARDIZATION CONFERENCE

John Henderson

During the first week of October, NAVSEA held the third annual Tooling Standardization conference, hosted by Bechtel Plant Machinery Inc. (BPMI). The conference was held at Hamill Manufacturing Company, near Pittsburgh, PA. Representatives from all four of the Naval shipyards, as well as Northrup Grumman Newport News and Electric Boat shipyards attended. There were also representatives from many of the fleet maintenance activities, Standard Navy Valve Yard, and Lars Lap Tooling company.

The purpose for the annual conference is to standardize the tooling used by maintenance activities, fleet and civilian alike, in performing repairs to nuclear propulsion plant components. Tooling was demonstrated by the various representatives to perform work such as cutting seal weld canopies, cutting pipe, repairing valve seats and performing base metal weld repairs.

One of the main agenda items for this year's conference was to finalize the PSNS-design of the canopy seal weld cutting machine for incorporation into the Cutting Tool Technical Manual, NAVSEA S9211-66-MMA-000. The machine has been sent from one maintenance activity to another for the past year to gather feedback about its use. Another item on this year's conference agenda was to discuss the development of a web site for real-time feedback to be used by all maintenance activities. As information develops, details will be provided in the FMSB newsletter.

FUTURE ARTICLES

Jim Null

If you have a question and/or articles of interest for *The FMSB Newsletter*, please let us know. If necessary, FMSB will conduct the research. Request deadline for the next issue is January 17, 2003. Write, E-mail, or call FMSB.

DETAILER CHANGE

Jim Null

MMC(SS) Terry Nystrom is now the detailer for the Nuclear Planners Course (NPC), Propulsion Plant Trade Skills Course (PPTSC), and the Nuclear Trade Skills Course (NTSC). He can be contacted by e-mail, p403cg@persnet.navy.mil, or phone (901) 874-3628, DSN 882-3628 REMINDER: All FMSB scheduled courses (QAOC, NPC, PPTSC and NTSC) are detailer controlled. You must contact the applicable detailer to obtain a billet.

DETAILERS

Detailer information is provided to assist in obtaining billets for FMSB scheduled courses.

Nuclear Planners Course (NPC)

CANTRAC S-661-1022: MMC (SS) Nystrom
p403cg@persnet.navy.mil, (901) 874-3628,
DSN 882-3628.

Nuclear Trade Skills Course (NTSC)

CANTRAC S-661-1025: MMC (SS) Nystrom
p403cg@persnet.navy.mil, (901) 874-3628,
DSN 882-3628.

Quality Assurance Officers Course (QAOC)

CANTRAC S-4H-0001: LCDR Tom Armstrong
p422a@persnet.navy.mil, (901) 874-3945, DSN
882-3945, Fax (901) 874-2648.

Propulsion Plant Trade Skills Course (PPTSC)

CANTRAC S-661-1026 MMC (SS) Nystrom,
p403cg@persnet.navy.mil, (901) 874-3628,
DSN 882-3628.

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Chuck Davis - Trade Skills, Valve Repair,

DavisCE@nnsy.navy.mil, (757) 393-7185

Gerry Dodd - Quality Notes, Freeze Seals, Training Valves,

Mock-ups, DoddGA@nnsy.navy.mil, (757) 393-7125

Mike Dodson - SubSafe, Testing,

dodsonME@nnsy.navy.mil (757) 393-7134

Phil Doyle - Technical Manuals and Drawings, PVO

DoylePJ@nnsy.navy.mil, (757) 393-7141

Butch Estridge - Trade Skills, valve replacement, pipe-

fitting, EstridgeMC@nnsy.navy.mil, (757) 393-7186

John Henderson - Valve Repair, PVO, Trade Skills,

HendersonJL@nnsy.navy.mil, (757) 393-7131

Ken Korpanty - Cutting Tools,

KorpantyKR@nnsy.navy.mil (757) 393-7112

W. T. Mitchell - Basic Trade Skill Lesson Plans,

MitchellWT@nnsy.navy.mil, (757) 393-7039

Jim Null - On-site Training and Sponsorship, PVO

NullJL@nnsy.navy.mil, (757) 393-7042

Al Pendleton - LARs, Plant Conditions and Effluent Collection

pendletonJA@nnsy.navy.mil (757) 393-7189

Mark Rice - Trade Skills, valve replacement, pipe fitting

RiceME@nnsy.navy.mil, (757) 393-7187

Jeff Smith - Trade Skills, valve replacement, pipe fitting

SmithJEA@nnsy.navy.mil, (757) 393-7193

Tim Tew - FWP/CWPs, ShipAlts, JFMM

TewTN@nnsy.navy.mil, (757) 393-7140

Beverly Verble - Course Scheduling

VerbleBS@nnsy.navy.mil, (757) 393-7144

Hod Verble - Reactor/ Steam Plant Cleanliness, Material

Control, VerbleHL@nnsy.navy.mil, (757) 393-7139

Sheila Tucker - Vault Custodian and Technical Manuals

TuckerSR@nnsy.navy.mil

**When contacting FMSB by e-mail, send
the e-mail to two or more people. That
way if someone is on leave or travel,**

NNSY CODE 138 WELDING & NDT

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REQUEST WIDEST DISSEMINATION WITHIN THE REPAIR/TRAINING ORGANIZATION OF YOUR ACTIVITY